

ALKYL-LINKED NUCLEOTIDE COMPOSITIONS

ABSTRACT OF THE DISCLOSURE

10 Alkyl-linked nucleotide compositions and nucleotide affinity media comprising
an alkyl-linked nucleotide are provided. The linker is generally a hydrophobic linker that
can be a 3, 4, 5, 6, 7, 8, 9, 10, or a longer carbon chain. Also included in the invention
are methods for synthesis of an alkyl-linked nucleotide, nucleotide affinity media and
methods of use thereof for affinity chromatography and screening methods.

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